

Claims

Claim 1 (Withdrawn): A leg assembly consisting of a horizontal top member of U-shaped cross section with a pair of flanges attached to a top end thereof, said flanges protruding in opposite outward directions from a central vertical axis of the member; and a horizontal bottom member of U-shaped cross section with a pair of flanges attached to a top end thereof, said flanges protruding in opposite outward directions from a central vertical axis of the bottom member; that nest into localized cutouts in the center of the ends of two vertical members, also of U-shaped cross section with a pair of flanges attached to a top end thereof, said flanges protruding in opposite outward directions from a central vertical axis of the vertical members; and are mechanically fastened together at their adjacent mating surfaces, to form a rectangular frame structure, with each of said outward protruding flanges orientated outboard of the center of the said frame assembly.

Claim 2 (Cancelled): A shelf assembly consisting of a horizontal member of U-shaped cross section with a pair of flanges attached to a top end thereof, said flanges protruding in opposite outward directions from a central vertical axis of the member, with said outward protruding flanges locally removed from one end of the said horizontal member; said horizontal member nests into the center of a vertical member of U-shaped cross section with a pair of flanges attached to a top end thereof, said flanges protruding in opposite outward directions from a central vertical axis of the member, by inserting the end of the said horizontal member with said removed outward protruding flanges into the central opening of the said vertical member, and are mechanically fastened together at their adjacent mating surfaces to form an L-shaped

support assembly, with the said outward protruding flanges of the said horizontal member orientated upward.

Claim 3 (Cancelled): A shelf assembly as in claim 2, further comprising:

a horizontal member with each of said outward protruding flanges having a plurality of predrilled holes and said horizontal member sized in length, front to rear, to accept the fastening of an integer number of like pieces of a specified size of standard dimensional lumber spanning its top surface; said horizontal member to accept the fastening of twice as many of said integer number of like pieces of a specified size of standard dimensional lumber pieces forming a butt joint at the central vertical axis of the horizontal member.

Claim 4 (Cancelled): A shelf assembly as in claim 2, further comprising:

a shelf vertical member with installed spacers and protruding shoulder rivets on its outward protruding flanges, with manufactured heads of said spacers and protruding shoulder rivets located outboard of the member's surfaces, that is assembled to a leg vertical member by placing the said manufactured heads of the said shoulder rivets into the said vertical leg's teardrop hole pattern and in doing so, the said spacers ensure a mate offset condition, equivalent to the width of the said spacers, between the opposing said outward protruding flanges of the shelf vertical member and the said outward protruding flanges of the leg vertical member; said gap achieving the required clearance necessary for installing additional components, that also incorporate shoulder rivets, onto the said outward protruding flanges of the leg vertical member without the need of removing the shelf vertical member.

Claim 5 (Withdrawn): A dual-purpose support bracket of L-shaped cross section, containing a pair of shoulder rivets located towards each end of the longer flanged surface; said bracket serves as a shelf support when the short flanged surface is orientated upward and the said bracket is attached to leg members; said bracket serves as a small bin support when the said short flanged surface is located downward and said bracket is attached to vertical shelf members.

Claim 6 (Withdrawn): A rail assembly consisting of a J-shaped cross section channel, with longest surface of said cross section orientated upward, has two extension brackets welded to the outboard surface of the center surface of the said cross section, said extension brackets located toward each end of the said channel; said extension brackets each containing three surfaces, two that are parallel to each other and a connecting surface; said extension brackets containing a pair of installed shoulder rivets on a surface outboard and parallel to the said welded surface of the extension bracket; said shoulder rivets enable the rail assembly to be attached to a leg vertical member by placing the said shoulder rivets into a teardrop shaped hole pattern on the said vertical leg; said extension bracket sized in length between its said welded surface and the said outboard parallel surface to provide sufficient spacing such that the side of a drawer will not contact the outboard edge of a vertical leg member; said rail assembly be fully interchangeable for use on the right side or left side of a drawer.

Claim 7 (Withdrawn): A J-shaped cross section channel as in claim 6, further comprising: the addition of holes on the longest surface of said cross section that accept a pair of pins when the said channel is assembled as part of a drawer rail assembly; said forward located

pin acting as a drawer stop contacting the rear inboard surface of a drawer to stop outward drawer motion, and said rear located pin acting as a drawer stop contacting the rear outboard surface of a drawer to stop inward drawer motion; said rail assembly be fully interchangeable for use on the right side or left side of a drawer.

Claim 8 (Withdrawn): A plastic injected drawer with a 360 degree lip located around its top surface, and stiffening protrusions that extend the full height of the drawer on the forward and rear surfaces of the drawer, and stiffening protrusions that extend from the bottom of the drawer to a specified distance less than the top of the drawer on the drawer side surfaces; said distance permits clearance of an installed pin on a rail assembly that acts as a draw stop.

Claim 9 (New): A shelf assembly for a workbench consisting of two or more load bearing supports, each of said supports formed by bolting one or more horizontal members to one vertical member forming one or more right angled assemblies, each of said supports when spaced a distance apart from each other, accepts dry dimensional lumber fastened to the said horizontal member through pre-drilled holes in the upper surface of the said horizontal member.

Claim 10 (New): A shelf assembly as set forth in claim 1, wherein the said horizontal member of the said structural load bearing support, is sized in length, front to back, equal to the product of the width of said dry dimensional lumber, i.e., 2 inch by 4 inch lumber pieces, abbreviated as 2X4's, 2 inch by 6 inch pieces, abbreviated as 2X6's, etc.,

multiplied by an integer number of a specified lumber piece type, plus some manufacturing tolerance.

Claim 11 (New): A shelf assembly as set forth in claim 2 wherein the said horizontal member contains a symmetrical set of holes about its lengthwise centerline, thereby providing a mating structure for said dry dimensional lumber spanning in a left or right direction perpendicular to the said lengthwise centerline of the horizontal member.

Claim 12 (New): A shelf assembly for a workbench consisting of two or more load bearing supports, each of said supports formed by bolting one or more horizontal members to one vertical member forming one or more right angled assemblies wherein the said vertical member contains one or more installed spacers and one or more installed shoulder rivets that permit the mating of the said vertical member to an additional vertical member by inserting the said shoulder rivets into teardrop shaped slots in the said additional vertical member and resulting in a mate-offset condition between the adjoining mating surfaces, the gap of which is equal to the width of the said spacer.